

SYSTEM AND METHOD FOR DISSIPATING STATIC CHARGE
GENERATED IN A SURFACE ACOUSTIC WAVE DEVICE

ABSTRACT OF THE DISCLOSURE

5 A surface acoustic wave (SAW) device, a method of manufacturing the same and a SAW filter having at least one SAW device. In one embodiment, the SAW device includes: (1) a piezoelectric substrate, (2) a conductive layer located over the piezoelectric substrate and (3) a resistive layer, interposing a portion of the conductive layer and the piezoelectric substrate, that forms a return path for static charge migrating from the piezoelectric substrate to the conductive layer.